Author Index

Acland, R. D., 505
Allieu, Y., 494
Allison, G. R., 315
Angel, M. F., 64, 462
Apesos, J., 403
Apfelberg, D. B., 6, 557
Ariyan, S., 535
Arnstein, D., 443
Arons, M. S., 535

Beale, S., 473
Beard, C., 324
Berakha, G. J., 458
Berger, A., 16
Berkowitz, R. L., 384, 407
Boehnke, M., 340
Bojanowski, V., 428
Bonaldi, L. C., 103
Bonnel, F., 494
Borges, A. F., 97
Brandner, M., 454
Bunkis, J., 361, 454
Burke, K. E., 515

Cassai, N., 515
Cesar, R. T., 550
Cohen, M., 33, 548
Commons, G. W., 385
Constantian, M. B., 391
Cuono, C. B., 535

Dellon, A. L., 541
Dolezal, R., 33
Donald, P. J., 556

Edwards, M. S., 554
Egbert, P., 554
Eichenlaub, E. H., 64, 420
Elsahy, N. I., 169
Epstein, L. I., 361
Ersek, R. A., 386

Falces, E., 407
Falk, R. E., 334
Field, L. M., 557
Fisher, J. C., 4, 100, 135, 142, 158, 162, 168
Fisk, S. B., 37
Flores, J. T., 6
Frank, D. H., 103, 121
Friedman, R., 548
Fujino, T., 188, 190, 278
Fukuda, O., 205, 371
Futrell, J. W., 64, 340

Gahhos, F. N., 535
Georgiade, G. S., 55, 85, 180
Georgiade, N. G., 55, 85, 180
Goldfarb, P., 128
Gottlieb, J., 310
Grandi, M. A., 302
Gray, L., 351
Gruer, B., 142
Gruss, J. S., 541

Hambert, G., 473
Harada, R., 190
Harii, K., 235
Harita, Y., 224
Hayashi, Y., 267
Hebda, P. A., 420
Hin, L. C., 523
Hirayama, T., 213
Holmberg, J., 20
Hopp, M. L., 555
Hudson, A. R., 334, 428
Hunt, R. G., 128
Hunter, D. A., 334, 428
Hurwitz, D. J., 64, 340

Inamoto, N., 190
Inokuma, T., 267
Isaacs, G., 93
Ishii, M., 267
Isshiki, N., 224

Jacobsson, S., 20
Jones, K. L., 135, 142
Jones, M., 135

Kaddourah, I., 545
Kami, T., 278, 375
Kaplan, E. N., 349
Katz, S. M., 121
Kaufman, T., 64, 340, 420
Kawano, M., 224
Kernahan, D. A., 97
Kim, S. K., 383
Kitayama, Y., 74
Kobus, K., 24
Korol, B., 420
Koshima, I., 235
Ksander, G. A., 351
Kuboto, J., 190
Kulick, M. I., 95, 407
Kumoi, T., 296
Kurokawa, M., 74
Kveim, M., 142

Lash, H., 6
Lefkovits, G., 458
Leitner, D. W., 96
Leopold, G. R., 121
Lesavoy, M. A., 81
Levin, M., 64, 420
Lewis, C. M., 145
Lisper, H.-O., 473

Mackinnon, S. E., 334, 428, 541
Makino, K., 284
Maraghi, E., 428
Marchac, D., 43
Marumo, E., 267
Maser, M. R., 6
McGrath, M. H., 359
McKinney, P., 310, 386
Mendez-Fernandez, M. A., 164
Messinger, A., 346
Migowski, W., Jr., 378
Mineo, R., 145

Nakajima, T., 278, 375
Nakamura, K., 77
Nakatsuka, T., 451
Namba, K., 228
Nara, T., 244
Narayanan, K., 462
Nathan, P., 420
Naughton, G., 515
Newman, F. J., 346
Ninnemann, J. L., 155, 162
Nishimura, Y., 296
Nozaki, M., 213

Oda, M., 371
O'Hata, N., 267
Ohhara, Y., 451
Ohlsén, L., 473
Ohshiro, T., 278
Oka, H., 248
Okarma, T. B., 407
Okumura, K., 267
Ousterhout, D. K., 554
Owsley, J. Q., Jr., 98
Ozkan, A. N., 155

Palm, B., 473
Patterson, G. A., 541
Pearl, R. M., 37, 443, 472
Pechter, E. A., 81
Peled, I. J., 465
Peters, W. J., 545
Ponn, T. B., 383
Pope, T. L., Jr., 403
Pritzker, K. P. H., 545
Psillakis, J. M., 378, 437

Ramasastry, S., 462
Rappaport, I., 315
Renier, D., 43
Riefkohl, R., 55, 85, 180
Robles, J. M., 302
Rudolph, R., 111, 128
Ryu, R. K., 361

Sano, [illegible], 258
Sano, S., 296
Sasaki, K., 258
Schendel, S. A., 506, 558
Schulman, G. I., 37
Schultz, R. C., 33
Shinbashi, T., 267
Shioya, N., 188, 258
Smith, D. S., 166
Sone, K., 190
Spira, M., 31
Svedman, P., 20
Svensson, H., 20

Tagliapietra, J. C., 302
Takahashi, H., 258
Takato, T., 371, 451
Takeda, H., 205
Teissier, J., 494
Tershakowec, M., 378
Tizian, C., 16
Tobin, H. A., 59
Tomonari, H., 267
Trengove-Jones, G., 454
Tsukada, S., 74

Ulloa-Gregori, O., 550

Vande Berg, J. S., 111
Vasconez, L. O., 361
Vecchione, T. R., 148
Vilain, R. C., 388
Vistnes, L. M., 1, 95, 99, 187, 471

January issue, pp 1–98; February issue, pp 99–186; March issue, pp 187–300; April issue, pp 301–390; May issue, pp 391–472; June issue, pp 473–572.

Author Index

Acland, R. D., 505
Allieu, Y., 494
Allison, G. R., 315
Angel, M. F., 64, 462
Apesos, J., 403
Apfelberg, D. B., 6, 557
Ariyan, S., 535
Arnstein, D., 443
Arons, M. S., 535

Beale, S., 473
Beard, C., 324
Berakha, G. J., 458
Berger, A., 16
Berkowitz, R. L., 384, 407
Boehnke, M., 340
Bojanowski, V., 428
Bonaldi, L. C., 103
Bonnel, F., 494
Borges, A. F., 97
Brandner, M., 454
Bunkis, J., 361, 454
Burke, K. E., 515

Cassai, N., 515
Cesar, R. T., 550
Cohen, M., 33, 548
Commons, G. W., 385
Constantian, M. B., 391
Cuono, C. B., 535

Dellon, A. L., 541
Dolezal, R., 33
Donald, P. J., 556

Edwards, M. S., 554
Egbert, P., 554
Eichenlaub, E. H., 64, 420
Elsahy, N. I., 169
Epstein, L. I., 361
Ersek, R. A., 386

Falces, E., 407
Falk, R. E., 334
Field, L. M., 557
Fisher, J. C., 4, 100, 135, 142, 158, 162, 168
Fisk, S. B., 37
Flores, J. T., 6
Frank, D. H., 103, 121
Friedman, R., 548
Fujino, T., 188, 190, 278
Fukuda, O., 205, 371
Futrell, J. W., 64, 340

Gahhos, F. N., 535
Georgiade, G. S., 55, 85, 180
Georgiade, N. G., 55, 85, 180
Goldfarb, P., 128
Gottlieb, J., 310
Grandi, M. A., 302
Gray, L., 351
Gruer, B., 142
Gruss, J. S., 541

Hambert, G., 473
Harada, R., 190
Harii, K., 235
Harita, Y., 224
Hayashi, Y., 267
Hebda, P. A., 420
Hin, L. C., 523
Hirayama, T., 213
Holmberg, J., 20
Hopp, M. L., 555
Hudson, A. R., 334, 428
Hunt, R. G., 128
Hunter, D. A., 334, 428
Hurwitz, D. J., 64, 340

Inamoto, N., 190
Inokuma, T., 267
Isaacs, G., 93
Ishii, M., 267
Isshiki, N., 224

Jacobsson, S., 20
Jones, K. L., 135, 142
Jones, M., 135

Kaddourah, I., 545
Kami, T., 278, 375
Kaplan, E. N., 349
Katz, S. M., 121
Kaufman, T., 64, 340, 420
Kawano, M., 224
Kernahan, D. A., 97
Kim, S. K., 383
Kitayama, Y., 74
Kobus, K., 24
Korol, B., 420
Koshima, I., 235
Ksander, G. A., 351
Kuboto, J., 190
Kulick, M. I., 95, 407
Kumoi, T., 296
Kurokawa, M., 74
Kveim, M., 142

Lash, H., 6
Lefkovits, G., 458
Leitner, D. W., 96
Leopold, G. R., 121
Lesavoy, M. A., 81
Levin, M., 64, 420
Lewis, C. M., 145
Lisper, H.-O., 473

Mackinnon, S. E., 334, 428, 541
Makino, K., 284
Maraghi, E., 428
Marchac, D., 43
Marumo, E., 267
Maser, M. R., 6
McGrath, M. H., 359
McKinney, P., 310, 386
Mendez-Fernandez, M. A., 164
Messinger, A., 346
Migowski, W., Jr., 378
Mineo, R., 145

Nakajima, T., 278, 375
Nakamura, K., 77
Nakatsuka, T., 451
Namba, K., 228
Nara, T., 244
Narayanan, K., 462
Nathan, P., 420
Naughton, G., 515
Newman, F. J., 346
Ninnemann, J. L., 155, 162
Nishimura, Y., 296
Nozaki, M., 213

Oda, M., 371
O'Hata, N., 267
Ohhara, Y., 451
Ohlsén, L., 473
Ohshiro, T., 278
Oka, H., 248
Okarma, T. B., 407
Okumura, K., 267
Ousterhout, D. K., 554
Owsley, J. Q., Jr., 98
Ozkan, A. N., 155

Palm, B., 473
Patterson, G. A., 541
Pearl, R. M., 37, 443, 472
Pechter, E. A., 81
Peled, I. J., 465
Peters, W. J., 545
Ponn, T. B., 383
Pope, T. L., Jr., 403
Pritzker, K. P. H., 545
Psillakis, J. M., 378, 437

Ramasastry, S., 462
Rappaport, I., 315
Renier, D., 43
Riefkohl, R., 55, 85, 180
Robles, J. M., 302
Rudolph, R., 111, 128
Ryu, R. K., 361

Sano, [illegible], 258
Sano, S., 296
Sasaki, K., 258
Schendel, S. A., 506, 558
Schulman, G. I., 37
Schultz, R. C., 33
Shinbashi, T., 267
Shioya, N., 188, 258
Smith, D. S., 166
Sone, K., 190
Spira, M., 31
Svedman, P., 20
Svensson, H., 20

Tagliapietra, J. C., 302
Takahashi, H., 258
Takato, T., 371, 451
Takeda, H., 205
Teissier, J., 494
Tershakowec, M., 378
Tizian, C., 16
Tobin, H. A., 59
Tomonari, H., 267
Trengove-Jones, G., 454
Tsukada, S., 74

Ulloa-Gregori, O., 550

Vande Berg, J. S., 111
Vasconez, L. O., 361
Vecchione, T. R., 148
Vilain, R. C., 388
Vistnes, L. M., 1, 95, 99, 187, 471

January issue, pp 1–98; February issue, pp 99–186; March issue, pp 187–300; April issue, pp 301–390; May issue, pp 391–472; June issue, pp 473–572.

Wachtel, T. L., 121
Waggoner, W. C., 387
Wakamatsu, S., 213
Walton, R. L., 361
Watanabe, K., 284
Wexler, M. R., 465
Weymuller, E. A., Jr., 557
White, D. N., 6
Winslow, R. B., 91
Woisky, R., 437
Wong, H., 37
Wong, R., 407
Worthen, E. F., 387
Wray, R. C., 470

Yamamoto, K., 190
Yoshimura, Y., 278, 375
Yoshizato, K., 258

Zagher, U., 465
Zanini, S. A., 378
Zenz, M., 16
Zimman, O. A., 302

Subject Index

Abnormalities, classifications
  developmental approach to classification of birth defects (Jones et al), 135
Adipose tissue
  electrosurgical blepharoplasty: technique that questions conventional concepts of fat compartmentalization (Tobin), 59
Adipose tissue, surgery
  pistol grip cannula for lipo-extraction (Winslow), *gadgetry*, 91
  refined liposuction unit (Isaacs), *gadgetry*, 93
Aging
  changes in quantity of fibronectin from human skin fibroblasts with cellular aging (Oka), 248
Alcoholism
  management of recovering alcoholic who seeks cosmetic surgery (Lewis and Mineo), 145
American Society for Aesthetic Plastic Surgery
  letter from Washington: waterfall at Watergate (Vilain), *letter*, 388
Anesthesia, conduction
  continuous plexus blockade for improved circulation in microvascular surgery (Berger et al), 16
Anus, imperforate
  cat's eye syndrome with cleft soft palate (Nakamura), *case report*, 77
Argon
  comparison of argon and carbon dioxide laser treatment of decorative tattoos: preliminary report (Apfelberg et al), 6
Aspartate
  inhibition of wound contraction: comparison of full-thickness skin grafts, Biobrane, and aspartate membranes (Frank and Bonaldi), 103
Aspirin
  re: Rose and Wiemer: platelet coagulopathy (Waggoner), *letter*, 387
Auricular nerve
  relationship of great auricular nerve to superficial musculoaponeurotic system (McKinney and Gottlieb), 310
Axons, growth
  experimental study of vascularized nerve grafts: morphometric study of axonal regeneration of nerves transplanted into silicone tubes (Koshima and Harii), 235

Bandages
  drug-loaded synthetic dressings: effect on contraction, epithelialization, and collagen synthesis of deep second-degree experimental burns (Kaufman et al), 420
  salutary effects of bed on survival of experimental flaps (Kaufman et al), 64
Beckwith-Wiedemann syndrome
  early tongue resection for Beckwith-Wiedemann macroglossia (Kveim et al), 142
Biobrane
  inhibition of wound contraction: comparison of full-thickness skin grafts, Biobrane, and aspartate membranes (Frank and Bonaldi), 103
Bioprosthesis
  response to the Boplant question (Ersek), *letter*, 386
Blepharoplasty. *See* Eyelids, surgery
Blood coagulation
  re: Rose and Wiemer: platelet coagulopathy (Waggoner), *letter*, 387
Blood platelets
  re: Rose and Wiemer: platelet coagulopathy (Waggoner), *letter*, 387
Body image
  augmentation mammaplasty: surgical and psychological effects of operation and prediction of result (Beale et al), 473
  congenital facial anomalies among 4- through 7-year-olds: psychological effects and surgical decisions (Fisk et al), 37
Bone, transplantation
  vascularization, cellular behavior, and union of vascularized bone grafts: experimental study in rabbit, with invited comment by Robert D. Acland (Teissier et al), 494
Book critiques
  advanced techniques in ocular surgery, edited by Jakobiec and Sigelman (Egbert), 554
  atlas of hand surgery, vol 2, edited by Chase (Wray), 470
  complications in surgery and trauma, by Greenfield (Ponn), 383
  comprehensive financial and tax planning for high-income professionals, by Sheets, with Wallin (Commons), 385
  comprehensive rehabilitation of burns, edited by Fisher and Helms (Berkowitz), 384
  head and neck cancer: management of a difficult case, by Donald (Hopp), 555
  microvascular tissue transfer: fundamental techniques and clinical application, by Harii (Kim), 383
  1984 yearbook of plastic and reconstructive surgery, edited by McCoy (Kulick), 95
  pediatric plastic surgery, vols 1 and 2, edited by Serafin and Georgiade (Pearl), 472
  planning of local plastic operations on body surface: theory and practice, by Limberg (Vistnes), 95
  recognizable patterns of human malformation and recognizable patterns of human deformation, by Smith (Fisher), 168

January issue, pp 1–98; February issue, pp 99–186; March issue, pp 187–300; April issue, pp 301–390; May issue, pp 391–472; June issue, pp 473–572.

surgery of the skull base, edited by Sasaki et al (Edwards and Ousterhout), 554
symposium on clinical frontiers in reconstructive microsurgery, vol 24, edited by Buncke and Furnas (Leitner), 96
unfavorable result in plastic surgery, 2nd edition, by Goldwyn (Vistnes), 471
Breast, surgery
augmentation mammaplasty: surgical and psychological effects of operation and prediction of result (Beale et al), 473
Breast augmentation
augmentation mammaplasty: surgical and psychological effects of operation and prediction of result (Beale et al), 473
Breast injuries
burned breast: treatment with transverse rectus abdominis island musculocutaneous flap (Psillakis and Woisky), 437
Breast reconstruction
false-positive radiographic diagnosis of breast implant rupture: report of two cases (Smith), *case report*, 166
pressure ulcer of breast after subcutaneous mastectomy and reconstruction with prosthesis (Mendez-Fernandez), *case report*, 164
silicone granuloma following close capsulotomy of mammary prosthesis (Apesos and Pope), 403
Burns
burned breast: treatment with transverse rectus abdominis island musculocutaneous flap (Psillakis and Woisky), 437
drug-loaded synthetic dressings: effect on contraction, epithelialization, and collagen synthesis of deep second-degree experimental burns (Kaufman et al), 420
objective measurement of hypertrophic burn scar: preliminary study of tonometry and ultrasonography (Katz et al), 121
Burns, drug therapy
prospective study of side effects associated with use of silver sulfadiazine in severely burned patients (Kulick et al), 407
Burns, immunology
circulating toxins in human disease: a viable concept? (Ninnemann and Ozkan), *overview*, 155
immune consequences of thermal and traumatic injuries: conference summary (Ninnemann and Fisher), *overview*, 162
Burns, inhalation
role of carbon monoxide poisoning in production of inhalation burns (Watanabe and Makino), 284
Burns, surgery
burn wound excision and local flap closure (Gahhos et al), 535
Burns, therapy
modified cervical collar for immediate postoperative care of burned neck (Friedman and Cohen), *gadgetry*, 548
Carbon dioxide
re: Apfelberg et al: efficacy of carbon dioxide laser in hand surgery (Field), *letter*, 557; reply (Apfelberg), *letter*, 557
comparison of argon and carbon dioxide laser treatment of decorative tattoos: preliminary report (Apfelberg et al), 6
Carbon monoxide poisoning
role of carbon monoxide poisoning in production of inhalation burns (Watanabe and Makino), 284
Carcinoma, basal cell
ear reconstruction with flap from medial surface of auricle (Elsahy), 169
Carcinoma, squamous cell
aesthetic aspects of composite oromandibular cancer resection and reconstruction (Rudolph et al), 128
ear reconstruction with flap from medial surface of auricle (Elsahy), 169
flap for moderate-sized oral defects (Georgiade et al), 55
Cartilage
grafting projecting nasal tip (Constantian), 391
Cartilage, transplantation
re: Ersek et al: processed bovine cartilage (Kernahan), *letter*, 97
re: Ersek et al: processed bovine cartilage (McKinney), *letter*, 386
Case reports
cat's eye syndrome with cleft soft palate (Nakamura), 77
cherubism (Riefkohl et al), 85
cholesteatoma auris congenita arising from microtia (Nishimura et al), 296
craniofacial fibrous dysplasia (Zanini et al), 378
distally based abductor digiti minimi muscle flap (Yoshimura et al), 375
false-positive radiographic diagnosis of breast implant rupture: report of two cases (Smith), 166
high division of median nerve: unusual anatomical variation (Kitayama et al), 74
massive soft-tissue chondroma of hand (Peters et al), 545
meat grinder injuries to upper extremity (Brandner et al), 454
medial antebrachial cutaneous–lateral femoral cutaneous neurotization to provide sensation to pressure-bearing areas in paraplegic patient (Mackinnon et al), 541
otopalatodigital syndrome (Takato et al), 371
postintubation croup in two consecutive patients undergoing cleft lip and/or palate repair (Pechter and Lesavoy), 81
pressure ulcer of breast after subcutaneous mastectomy and reconstruction with prosthesis (Mendez-Fernandez), 164
psoralen phototherapy and phototoxicity (Berakha and Lefkovits), 458
teratoid tumor in oral cavity (Takato et al), 451
to share or not to share (Georgiade et al), 180
Cat's eye syndrome
cat's eye syndrome with cleft soft palate (Nakamura), *case report*, 77

Cell differentiation
cultured myofibroblasts: useful model to study wound contraction and pathological contracture (Vande Berg and Rudolph), 111
Cell separation
comparative studies on methods of isolating rat epidermal cells (Takahashi et al), 258
Cervical collar
modified cervical collar for immediate postoperative care of burned neck (Friedman and Cohen), *gadgetry*, 548
Cervical plexus
flap for moderate-sized oral defects (Georgiade et al), 55
Cherubism
cherubism (Riefkohl et al), *case report*, 85
Child psychology
congenital facial anomalies among 4- through 7-year-olds: psychological effects and surgical decisions (Fisk et al), 37
Chin, surgery
genioplasty, physiological approach (Schendel), 506
Cholesteatoma
cholesteatoma auris congenita arising from microtia (Nishimura et al), *case report*, 296
Chondroma
massive soft-tissue chondroma of hand (Peters et al), *case report*, 545
Cicatrix
histamine and 5-hydroxytryptamine in human scar tissue (Nara), 244
objective measurement of hypertrophic burn scar, preliminary study of tonometry and ultrasonography (Katz et al), 121
Cicatrix, drug effects
drug-loaded synthetic dressings: effect on contraction, epithelialization, and collagen synthesis of deep second-degree experimental burns (Kaufman et al), 420
Cleft lip, complications
repair of unilateral cleft lip nose using contralateral alar crease grafts (Vecchione), 148
Cleft lip, surgery
postintubation croup in two consecutive patients undergoing cleft lip and/or palate repair (Pechter and Lesavoy), *case report*, 81
primary repair of unilateral cleft lip (Namba), 228
Cleft palate, abnormalities
otopalatodigital syndrome (Takato et al), *case report*, 371
Cleft palate, occurrence
cat's eye syndrome with cleft soft palate (Nakamura), *case report*, 77
Cleft palate, surgery
postintubation croup in two consecutive patients undergoing cleft lip and/or palate repair (Pechter and Lesavoy), *case report*, 81
Clinitron therapy unit
use of Clinitron therapy unit in immediate postoperative care of pressure ulcers (Dolezal et al), 33
Collagen
drug-loaded synthetic dressings: effect on contraction, epithelialization, and collagen synthesis of deep second-degree experimental burns (Kaufman et al), 420
histological, immunological, and electron microscopic study of bovine collagen implants in human (Burke et al), 515
peripheral nerve injection injury with purified bovine collagen—experimental model in rat (Mackinnon et al), 428
reduced capsule formation around soft silicone rubber prostheses coated with solid collagen, with invited comment by Mary H. McGrath (Ksander and Gray), 351
Coloboma
cat's eye syndrome with cleft soft palate (Nakamura), *case report*, 77
Contracture
cultured myofibroblasts: useful model to study wound contraction and pathological contracture (Vande Berg and Rudolph), 111
inhibition of wound contraction: comparison of full-thickness skin grafts, Biobrane, and aspartate membranes (Frank and Bonaldi), 103
Cost control
risk-rating and obligatory coverage—two valuable lessons for health insurers (Fisher), *editorial*, 4
Craniosynostoses, surgery
craniofacial surgery for craniosynostosis improves facial growth: personal case review (Marchac and Renier), 43
Croup
postintubation croup in two consecutive patients undergoing cleft lip and/or palate repair (Pechter and Lesavoy), *case report*, 81

Deafness
otopalatodigital syndrome (Takato et al), *case report*, 371
Decubitus ulcer
pressure ulcer of breast after subcutaneous mastectomy and reconstruction with prosthesis (Mendez-Fernandez), *case report*, 164
Decubitus ulcer, surgery
medial antebrachial cutaneous–lateral femoral cutaneous neurotization to provide sensation to pressure-bearing areas in paraplegic patient (Mackinnon et al), *case report*, 541
use of Clinitron therapy unit in immediate postoperative care of pressure ulcers (Dolezal et al), 33
Dental occlusion
early tongue resection for Beckwith-Wiedemann macroglossia (Kveim et al), 142
Drainage
transnasal route to bring out drains after frontal rhytidectomy (Ulloa-Gregori and Cesar), *gadgetry*, 550
Dysmorphology
developmental approach to classification of birth defects (Jones et al), 135

Ear, external, abnormalities
cholesteatoma auris congenita arising from microtia (Nishimura et al), *case report*, 296
Ear deformities, acquired, surgery
ear reconstruction with flap from medial surface of auricle (Elsahy), 169
Ear neoplasms, surgery
ear reconstruction with flap from medial surface of auricle (Elsahy), 169
Editorial
risk-rating and obligatory coverage—two valuable lessons for health insurers (Fisher), 4
Elbow, surgery
fasciocutaneous flap coverage for periolecranon defects (Bunkis et al), 361
Electrosurgery
electrosurgical blepharoplasty: technique that questions conventional concepts of fat compartmentalization (Tobin), 59
Epidermis
comparative studies on methods of isolating rat epidermal cells (Takahashi et al), 258
Epithelium, drug effects
drug-loaded synthetic dressings: effect on contraction, epithelialization, and collagen synthesis of deep second-degree experimental burns (Kaufman et al), 420
European Association for Maxillofacial Surgery
seventh congress of European Association for Maxillofacial Surgery (Schendel), *letter*, 558
Eyelids
Müller's superior tarsal muscle: anatomy, physiology, and clinical significance (Beard), 324
Eyelids, surgery
electrosurgical blepharoplasty: technique that questions conventional concepts of fat compartmentalization (Tobin), 59
unfavorable results in oriental blepharoplasty (Hin), 523

Face, abnormalities
congenital facial anomalies among 4- through 7-year-olds: psychological effects and surgical decisions (Fisk et al), 37
Face, development
craniofacial surgery for craniosynostosis improves facial growth: personal case review (Marchac and Renier), 43
Face, growth
craniofacial surgery for craniosynostosis improves facial growth: personal case review (Marchac and Renier), 43
Face, surgery
refinements in treatment of superficial musculoaponeurotic system: retroauricular flap and zygomatic rolled flap (Robles et al), 302
relationship of great auricular nerve to superficial musculoaponeurotic system (McKinney and Gottlieb), 310
retroauricular secondary island flap, with invited comment by Melvin Spira (Kobus), 24
transnasal route to bring out drains after frontal rhytidectomy (Ulloa-Gregori and Cesar), *gadgetry*, 550
re: Vilain: Dallas platysmas (Owsley), *letter*, 98
Facial bones, abnormalities
advancement of oral commissure in correcting mild macrostomia (Fukuda and Takeda), 205
craniofacial fibrous dysplasia (Zanini et al), *case report*, 378
Facial bones, surgery
changes in bone remodeling after palatal surgery (Shinbashi et al), 267
craniofacial surgery for craniosynostosis improves facial growth: personal case review (Marchac and Renier), 43
Fasciocutaneous flaps
fasciocutaneous flap coverage for periolecranon defects (Bunkis et al), 361
Femoral nerve
medial antebrachial cutaneous–lateral femoral cutaneous neurotization to provide sensation to pressure-bearing areas in paraplegic patient (Mackinnon et al), *case report*, 541
Fibroblasts
changes in quantity of fibronectin from human skin fibroblasts with cellular aging (Oka), 248
cultured myofibroblasts: useful model to study wound contraction and pathological contracture (Vande Berg and Rudolph), 111
Fibronectins
changes in quantity of fibronectin from human skin fibroblasts with cellular aging (Oka), 248
Fibrous dysplasia of bone
craniofacial fibrous dysplasia (Zanini et al), *case report*, 378
Fibula, blood supply
vascularization, cellular behavior, and union of vascularized bone grafts: experimental study in rabbit, with invited comment by Robert D. Acland (Teissier et al), 494
Fingers, abnormalities
otopalatodigital syndrome (Takato et al), *case report*, 371
Fingers, transplantation
continuous plexus blockade for improved circulation in microvascular surgery (Berger et al), 16
Flowmeters
detecting arterial and venous obstruction in flaps (Svensson et al), 20
Frontal sinus, surgery
re: Cabbabe et al: cranioplasty for traumatic deformities of frontoorbital area (Donald), *letter*, 556
re: Cabbabe et al: cranioplasty for traumatic deformities of frontoorbital area (Weymuller), *letter*, 557
Funnel chest, surgery
new surgical method for repair of funnel chest (Hirayama et al), 213

Gadgetry
modified cervical collar for immediate postoperative care of burned neck (Friedman and Cohen), 548
pistol grip cannula for lipo-extraction (Winslow), 91
purse-string suture for reduction and closure of skin defects (Peled et al), 465
refined liposuction unit (Isaacs), 93
simple and inexpensive device for microvascular training (Ramasastry et al), 462
transnasal route to bring out drains after frontal rhytidectomy (Ulloa-Gregori and Cesar), 550
Glossectomy
early tongue resection for Beckwith-Wiedemann macroglossia (Kveim et al), 142
Graft survival
effects of low-power diode lasers on flap survival (Kami et al), 278
re: Ersek et al: processed bovine cartilage (Kernahan), *letter*, 97
salutary effects of bed on survival of experimental flaps (Kaufman et al), 64
Granuloma
silicone granuloma following closed capsulotomy of mammary prosthesis (Apesos and Pope), 403
Guinea pig
drug-loaded synthetic dressings: effect on contraction, epithelialization, and collagen synthesis of deep second-degree experimental burns (Kaufman et al), 420

Hand, injuries
meat grinder injuries to upper extremity (Brandner et al), *case report*, 454
Hand, surgery
re: Apfelberg et al: efficacy of carbon dioxide laser in hand surgery (Field), *letter*, 557; reply (Apfelberg), *letter*, 557
massive soft-tissue chondroma of hand (Peters et al), *case report*, 545
re: Nakamura et al: thick split-thickness plantar skin grafts (Worthen), *letter*, 387
Hemangioma, surgery
microsurgical technique in resection of hemangioma in infants (Fujino et al), 190
Hematoma
transnasal route to bring out drains after frontal rhytidectomy (Ulloa-Gregori and Cesar), *gadgetry*, 550
Histamine
histamine and 5-hydroxytryptamine in human scar tissue (Nara), 244
Humidity
salutary effects of bed on survival of experimental flaps (Kaufman et al), 64

Implants, artificial, adverse effects
false-positive radiographic diagnosis of breast implant rupture: report of two cases (Smith), *case report*, 166
pressure ulcer of breast after subcutaneous mastectomy and reconstruction with prosthesis (Mendez-Fernandez), *case report*, 164
silicone granuloma following closed capsulotomy of mammary prosthesis (Apesos and Pope), 403
Injuries, immunology
immune consequences of thermal and traumatic injuries: conference summary (Ninnemann and Fisher), *overview*, 162
Insurance, health
risk-rating and obligatory coverage—two valuable lessons for health insurers (Fisher), *editorial*, 4
Intubation, adverse effects
postintubation croup in two consecutive patients undergoing cleft lip and/or palate repair (Pechter and Lesavoy), *case report*, 81
Iris, abnormalities
cat's eye syndrome with cleft soft palate (Nakamura), *case report*, 77
Island flaps
detecting arterial and venous obstruction in flaps (Svensson et al), 20

Japan
editor's introduction to the Japanese issue (Vistnes), 187
plastic surgery in Japan (Fujino and Shioya), *Guest Editors' introduction to Japanese issue*, 188

Keratosis
re: Apfelberg et al: efficacy of carbon dioxide laser in hand surgery (Field), *letter*, 557; reply (Apfelberg), *letter*, 557

Lasers
re: Apfelberg et al: efficacy of carbon dioxide laser in hand surgery (Field), *letter*, 557; reply (Apfelberg), *letter*, 557
comparison of argon and carbon dioxide laser treatment of decorative tattoos: preliminary report (Apfelberg et al), 6
detecting arterial and venous obstruction in flaps (Svensson et al), 20
effects of low-power diode lasers on flap survival (Kami et al), 278
Letters
re: Apfelberg et al: efficacy of carbon dioxide laser in hand surgery (Field), 557; reply (Apfelberg), 557
re: Cabbabe et al: cranioplasty for traumatic deformities of frontoorbital area (Donald), 556
re: Cabbabe et al: cranioplasty for traumatic deformities of frontoorbital area (Weymuller), 557
re: Ersek et al: processed bovine cartilage (Kernahan), 97
re: Ersek et al: processed bovine cartilage (McKinney), 386
re: Hallock: nasal degloving injuries (Borges), 97
letter from Washington: waterfall at Watergate (Vilain), 388
re: Nakamura et al: thick split-thickness plantar skin grafts (Worthen), 387

response to Boplant question (Ersek), 386
re: Rose and Wiemer: platelet coagulopathy (Waggoner), 387
seventh congress of European Association for Maxillofacial Surgery (Schendel), 558
re: Vilain: Dallas platysmas (Owsley), 98
Liposuction
refined liposuction unit (Isaacs), *gadgetry*, 93

Macrostomia, surgery
advancement of oral commissure in correcting mild macrostomia (Fukuda and Takeda), 205
Mammography
false-positive radiographic diagnosis of breast implant rupture: report of two cases (Smith), *case report*, 166
silicone granuloma following closed capsulotomy of mammary prosthesis (Apesos and Pope), 403
Mandibular neoplasms, surgery
aesthetic aspects of composite oromandibular cancer resection and reconstruction (Rudolph et al), 128
Mastectomy, adverse effects
pressure ulcer of breast after subcutaneous mastectomy and reconstruction with prosthesis (Mendez-Fernandez), *case report*, 164
Meat grinder
meat grinder injuries to upper extremity (Brandner et al), *case report*, 454
Median nerve, anatomy
high division of median nerve: unusual anatomical variation (Kitayama et al), *case report*, 74
Median nerve, histology
high division of median nerve: unusual anatomical variation (Kitayama et al), *case report*, 74
Melanoma, surgery
safe margins for melanoma excision (Fisher), *overview*, 158
Microcirculation
microcirculatory pattern of transverse-abdominal flap: cross-sectional xerographic and CAT scanning study (Kaufman et al), 340
simple and inexpensive device for microvascular training (Ramasastry et al), *gadgetry*, 462
Microsurgery
microsurgical technique in resection of hemangioma in infants (Fujino et al), 190
Mouth diseases, surgery
flap for moderate-sized oral defects (Georgiade et al), 55
Mouth neoplasms
teratoid tumor in oral cavity (Takato et al), *case report*, 451
Müller's superior tarsal muscle
Müller's superior tarsal muscle: anatomy, physiology, and clinical significance (Beard), 324
Muscle flaps
distally based abductor digiti minimi muscle flap (Yoshimura et al), *case report*, 375
Musculocutaneous flaps
aesthetic aspects of composite oromandibular cancer resection and reconstruction (Rudolph et al), 128
burned breast: treatment with transverse rectus abdominis island musculocutaneous flap (Psillakis and Woisky), 437
burn wound excision and local flap closure (Gahhos et al), 535
flap for moderate-sized oral defects (Georgiade et al), 55
vascular approach to prevention of infection (Pearl and Arnstein), 443
Myofibroblasts
cultured myofibroblasts: useful model to study wound contraction and pathological contracture (Vande Berg and Rudolph), 111

Neck, injuries
modified cervical collar for immediate postoperative care of burned neck (Friedman and Cohen), *gadgetry*, 548
Nerve fibers, transplantation
experimental study of vascularized nerve grafts: morphometric study of axonal regeneration of nerves transplanted into silicone tubes (Koshima and Harii), 235
Nerve regeneration
experimental study of vascularized nerve grafts: morphometric study of axonal regeneration of nerves transplanted into silicone tubes (Koshima and Harii), 235
nerve allograft response—experimental model in rat (Mackinnon et al), 334
Nipples, transplantation
to share or not to share (Georgiade et al), *case report*, 180
Nose, abnormalities
repair of unilateral cleft lip nose using contralateral alar crease grafts (Vecchione), 148
Nose, injuries
re: Hallock: nasal degloving injuries (Borges), *letter*, 97
Nose, surgery
grafting projecting nasal tip (Constantian), 391

Overviews
circulating toxins in human disease: a viable concept? (Ninnemann and Ozkan), 155
immune consequences of thermal and traumatic injuries: conference summary (Ninnemann and Fisher), 162
safe margins for melanoma excision (Fisher), 158

Palate, abnormalities
otopalatodigital syndrome (Takato et al), *case report*, 371
Palate, surgery
changes in bone remodeling after palatal surgery (Shinbashi et al), 267
Paraplegia
medial antebrachial cutaneous–lateral femoral cutaneous neurotization to provide sensation to pressure-bearing

Paraplegia *(continued)*
areas in paraplegic patient (Mackinnon et al), *case report*, 541
Parotid gland, surgery
superficial musculoaponeurotic system amelioration of parotidectomy defects (Rappaport and Allison), 315
Pharyngeal flaps
method for lining superiorly based pharyngeal flap, with invited comment by Ernest N. Kaplan (Newman and Messinger), 346
Pharyngeal muscles
what muscle is responsible for lateral pharyngeal wall movement? (Isshiki et al), 224
Pharynx, surgery
method for lining superiorly based pharyngeal flap, with invited comment by Ernest N. Kaplan (Newman and Messinger), 346
Photosensitivity disorders
psoralen phototherapy and phototoxicity (Berakha and Lefkovits), *case report*, 458
Phototherapy
psoralen phototherapy and phototoxicity (Berakha and Lefkovits), *case report*, 458
Pig
detecting arterial and venous obstruction in flaps (Svensson et al), 20
Prosthesis
reduced capsule formation around soft silicone rubber prostheses coated with solid collagen, with invited comment by Mary H. McGrath (Ksander and Gray), 351
Psychological tests
augmentation mammaplasty: surgical and psychological effects of operation and prediction of result (Beale et al), 473
congenital facial anomalies among 4- through 7-year-olds: psychological effects and surgical decisions (Fisk et al), 37
PUVA therapy
psoralen phototherapy and phototoxicity (Berakha and Lefkovits), *case report*, 458

Rabbit
vascularization, cellular behavior, and union of vascularized bone grafts: experimental study in rabbit, with invited comment by Robert D. Acland (Teissier et al), 494
Rat
comparative studies on methods of isolating rat epidermal cells (Takahashi et al), 258
cultured myofibroblasts: useful model to study wound contraction and pathological contracture (Vande Berg and Rudolph), 111
effects of low-power diode lasers on flap survival (Kami et al), 278
experimental study of vascularized nerve grafts: morphometric study of axonal regeneration of nerves transplanted into silicone tubes (Koshima and Harii), 235
inhibition of wound contraction: comparison of full-thickness skin grafts, Biobrane, and aspartate membranes (Frank and Bonaldi), 103
nerve allograft response—experimental model in rat (Mackinnon et al), 334
peripheral nerve injection injury with purified bovine collagen—experimental model in rat (Mackinnon et al), 428
role of carbon monoxide poisoning in production of inhalation burns (Watanabe and Makino), 284
salutary effects of bed on survival of experimental flaps (Kaufman et al), 64
Replantation
continuous plexus blockade for improved circulation in microvascular surgery (Berger et al), 16
Retroauricular flaps
ear reconstruction with flap from medial surface of auricle (Elsahy), 169
refinements in treatment of superficial musculoaponeurotic system: retroauricular flap and zygomatic rolled flap (Robles et al), 302
Retroauricular island flaps
retroauricular secondary island flap, with invited comment by Melvin Spira (Kobus), 24

Scars. *See* Cicatrix
Sciatic nerve
nerve allograft response—experimental model in rat (Mackinnon et al), 334
Sciatic nerve, injuries
peripheral nerve injection injury with purified bovine collagen—experimental model in rat (Mackinnon et al), 428
Seborrhea
re: Apfelberg et al: efficacy of carbon dioxide laser in hand surgery (Field), *letter*, 557; reply (Apfelberg), *letter*, 557
Self concept
augmentation mammaplasty: surgical and psychological effects of operation and prediction of result (Beale et al), 473
congenital facial anomalies among 4- through 7-year-olds: psychological effects and surgical decisions (Fisk et al), 37
management of recovering alcoholic who seeks cosmetic surgery (Lewis and Mineo), 145
Serotonin
histamine and 5-hydroxytryptamine in human scar tissue (Nara), 244
Silicone
experimental study of vascularized nerve grafts: morphometric study of axonal regeneration of nerves transplanted into silicone tubes (Koshima and Harii), 235

Silicone, adverse effects
silicone granuloma following closed capsulotomy of mammary prosthesis (Apesos and Pope), 403
Silicone elastomers, adverse effects
reduced capsule formation around soft silicone rubber prostheses coated with solid collagen, with invited comment by Mary H. McGrath (Ksander and Gray), 351
Silver sulfadiazine
drug-loaded synthetic dressings: effect on contraction, epithelialization, and collagen synthesis of deep second-degree experimental burns (Kaufman et al), 420
Silver sulfadiazine, side effects
prospective study of side effects associated with use of silver sulfadiazine in severely burned patients (Kulick et al), 407
Skin, blood supply
detecting arterial and venous obstruction in flaps (Svensson et al), 20
Skin, injuries
purse-string suture for reduction and closure of skin defects (Peled et al), *gadgetry*, 465
Skin, physiology
changes in quantity of fibronectin from human skin fibroblasts with cellular aging (Oka), 248
Skin, transplantation
grafting projecting nasal tip (Constantian), 391
inhibition of wound contraction: comparison of full-thickness skin grafts, Biobrane, and aspartate membranes (Frank and Bonaldi), 103
re: Nakamura et al: thick split-thickness plantar skin grafts (Worthen), *letter*, 387
repair of unilateral cleft lip nose using contralateral alar crease grafts (Vecchione), 148
Skin flaps
burn wound excision and local flap closure (Gahhos et al), 535
salutary effects of bed on survival of experimental flaps (Kaufman et al), 64
vascular approach to prevention of infection (Pearl and Arnstein), 443
Skull, abnormalities
craniofacial fibrous dysplasia (Zanini et al), *case report*, 378
SMAS face lift
re: Vilain: Dallas platysmas (Owsley), *letter*, 98
Soft tissue neoplasms
massive soft-tissue chondroma of hand (Peters et al), *case report*, 545
Sulfoxides
drug-loaded synthetic dressings: effect on contraction, epithelialization, and collagen synthesis of deep second-degree experimental burns (Kaufman et al), 420
Superficial musculoaponeurotic system
refinements in treatment of superficial musculoaponeurotic system: retroauricular flap and zygomatic rolled flap (Robles et al), 302
relationship of great auricular nerve to superficial musculoaponeurotic system (McKinney and Gottlieb), 310
superficial musculoaponeurotic system amelioration of parotidectomy defects (Rappaport and Allison), 315
re: Vilain: Dallas platysmas (Owsley), *letter*, 98
Surgery, microvascular
continuous plexus blockade for improved circulation in microvascular surgery (Berger et al), 16
simple and inexpensive device for microvascular training (Ramasastry et al), *gadgetry*, 462
Surgical flaps
aesthetic aspects of composite oromandibular cancer resection and reconstruction (Rudolph et al), 128
burned breast: treatment with transverse rectus abdominis island musculocutaneous flap (Psillakis and Woisky), 437
burn wound excision and local flap closure (Gahhos et al), 535
detecting arterial and venous obstruction in flaps (Svensson et al), 20
distally based abductor digiti minimi muscle flap (Yoshimura et al), *case report*, 375
ear reconstruction with flap from medial surface of auricle (Elsahy), 169
fasciocutaneous flap coverage for periolecranon defects (Bunkis et al), 361
flap for moderate-sized oral defects (Georgiade et al), 55
method for lining superiorly based pharyngeal flap, with invited comment by Ernest N. Kaplan (Newman and Messinger), 346
microcirculatory pattern of transverse-abdominal flap: cross-sectional xerographic and CAT scanning study (Kaufman et al), 340
refinements in treatment of superficial musculoaponeurotic system: retroauricular flap and zygomatic rolled flap (Robles et al), 302
retroauricular secondary island flap, with invited comment by Melvin Spira (Kobus), 24
salutary effects of bed on survival of experimental flaps (Kaufman et al), 64
vascular approach to prevention of infection (Pearl and Arnstein), 443
Surgical instruments
pistol grip cannula for lipo-extraction (Winslow), *gadgetry*, 91
refined liposuction unit (Isaacs), *gadgetry*, 93
Suture technique
purse-string suture for reduction and closure of skin defects (Peled et al), *gadgetry*, 465
simple and inexpensive device for microvascular training (Ramasastry et al), *gadgetry*, 462

Tarsal muscle, superior
Müller's superior tarsal muscle: anatomy, physiology, and clinical significance (Beard), 324

Tattoos
comparison of argon and carbon dioxide laser treatment of decorative tattoos: preliminary report (Apfelberg et al), 6
Temperature
salutary effects of bed on survival of experimental flaps (Kaufman et al), 64
Teratoma
teratoid tumor in oral cavity (Takato et al), *case report*, 451
Toes, surgery
distally based abductor digiti minimi muscle flap (Yoshimura et al), *case report*, 375
Toes, transplantation
continuous plexus blockade for improved circulation in microvascular surgery (Berger et al), 16
Tomography, x-ray computed
microcirculatory pattern of transverse-abdominal flap: cross-sectional xerographic and CAT scanning study (Kaufman et al), 340
Tonometry
objective measurement of hypertrophic burn scar: preliminary study of tonometry and ultrasonography (Katz et al), 121
Toxins
circulating toxins in human disease: a viable concept? (Ninnemann and Ozkan), *overview*, 155
immune consequences of thermal and traumatic injuries: conference summary (Ninnemann and Fisher), *overview*, 162
Transplantation
continuous plexus blockade for improved circulation in microvascular surgery (Berger et al), 16
Transplantation, homologous
nerve allograft response—experimental model in rat (Mackinnon et al), 334
Transverse abdominal flap
microcirculatory pattern of transverse-abdominal flap: cross-sectional xerographic and CAT scanning study (Kaufman et al), 340
Ultrasonics
objective measurement of hypertrophic burn scar: preliminary study of tonometry and ultrasonography (Katz et al), 121
University of California, San Diego
Annals features University of California, San Diego (Vistnes), *Editor's introduction to University of California, San Diego, issue*, 99
taking root in new soil (Fisher), *Guest editor's introduction to University of California, San Diego, issue*, 100
Uvula
method for lining superiorly based pharyngeal flap, with invited comment by Ernest N. Kaplan (Newman and Messinger), 346

Vitiligo
psoralen phototherapy and phototoxicity (Berakha and Lefkovits), *case report*, 458

Wound healing
cultured myofibroblasts: useful model to study wound contraction and pathological contracture (Vande Berg and Rudolph), 111
inhibition of wound contraction: comparison of full-thickness skin grafts, Biobrane, and aspartate membranes (Frank and Bonaldi), 103
Wounds, immunology
immune consequences of thermal and traumatic injuries: conference summary (Ninnemann and Fisher), *overview*, 162

Xeroradiography
microcirculatory pattern of transverse-abdominal flap: cross-sectional xerographic and CAT scanning study (Kaufman ef al), 340

Zygomatic rolled flaps
refinements in treatment of superficial musculoaponeurotic system: retroauricular flap and zygomatic rolled flap (Robles et al), 302